```
=> FILE REG
FILE 'REGISTRY' ENTERED AT 11:47:39 ON 31 JAN 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:    30 JAN 2005   HIGHEST RN 823177-37-3
DICTIONARY FILE UPDATES:   30 JAN 2005   HIGHEST RN 823177-37-3

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> D QUE L3
L1                STR
```
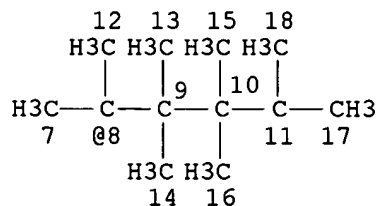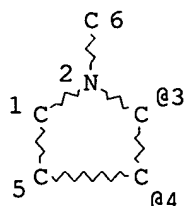
```
        C 6
        ʔ
     2  N
  1 C╱ʼ  ╲ C  @3
    ʔ       ʔ
  5 Cᴧᴧᴧᴧᴧ C
          @4
```

```
         12  13  15  18
         H3C H3C H3C H3C
          |   |9 |10 |
  H3C — C — C — C — C — CH3
   7   @8  |    |   11  17
         H3C H3C
          14  16
```

no answers from this structure query

```
VPA 8-3/4 U
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  18

STEREO ATTRIBUTES: NONE
L3              0 SEA FILE=REGISTRY SSS FUL L1
```

KATHLEEN FULLER EIC 1700 REMSEN 4B28 571/272-2505

```
=> FILE BEIL
FILE 'BEILSTEIN' ENTERED AT 11:48:47 ON 31 JAN 2005
COPYRIGHT (c) 2005 Beilstein-Institut zur Foerderung der Chemischen Wissenschaften
licensed to Beilstein GmbH and MDL Information Systems GmbH

FILE RELOADED ON OCTOBER 20, 2002
FILE LAST UPDATED ON NOVEMBER 3, 2004

FILE COVERS 1771 TO 2004.
*** FILE CONTAINS  9,073,068 SUBSTANCES ***

>>>PLEASE NOTE: Reaction Data and substance data are stored in
   separate documents and can not be searched together in one query.
   Reaction data for BEILSTEIN compounds may be displayed
   immediately with the display codes PRE (preparations) and REA
   (reactions).  A substance answer set retrieved after the search
   for a chemical name, a compounds with available reaction
   information by combining with PRE/FA, REA/FA or more generally
   with RX/FA. The BEILSTEIN Registry Number (BRN) is the link
   between a BEILSTEIN compound and belonging reactions. For mo
   detailed reaction searches BRNs can be searched as reaction
   partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN).<<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE  <<<

*******************************************************************
* PLEASE NOTE THAT THERE ARE NO FORMATS FREE OF COST.             *
* SET NOTICE FEATURE: THE COST ESTIMATES CALCULATED FOR SET NOTICE *
* ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE; THESE       *
* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS.                     *
* FOR PRICE INFORMATION SEE HELP COST                             *
*******************************************************************
     NEW
* PATENT NUMBERS (PN) AND BABS ACCESSION NUMBERS (BABSAN) CAN NOW BE
  SEARCHED, SELECTED AND TRANSFERRED.
* NEW DISPLAY FORMATS ALLREF, ALLP AND BABSAN SHOW ALL REFERENCES,
  ALL PATENT REFERENCES, OR ALL BABS ACCESSION NUMBERS FOR A
  COMPOUND AT A GLANCE.

=>  D QUE L4
L1              STR
```
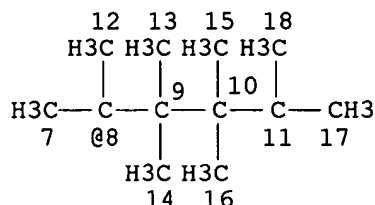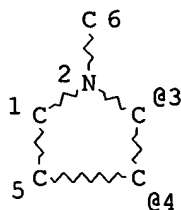
KATHLEEN FULLER EIC 1700   REMSEN 4B28 571/272-2505

```
      C 6
       \
     2  N
  1 C~~~  ~~~ C @3
      \          \
   5 C~~~~~~C
            @4
```

```
   12  13  15  18
   H3C H3C H3C H3C
    |   | 9 |10 |
H3C—C—C—C—C—CH3
   7  @8  |   |  11 17
       H3C H3C
        14  16
```

no answers in Beilstein for this structure query

VPA 8-3/4 U
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 18

STEREO ATTRIBUTES: NONE
L4   0 SEA FILE=BEILSTEIN SSS FUL L1

=> => FILE MARPAT
FILE 'MARPAT' ENTERED AT 11:50:06 ON 31 JAN 2005
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FILE CONTENT: 1988-PRESENT (VOL 142 ISS 05)(20050128/ED)

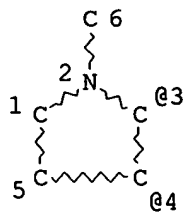*Markush structures from patents*

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US   6815423 09 NOV 2004
DE   10316402 11 NOV 2004
EP   1477158 17 NOV 2004
JP 2004317769 11 NOV 2004
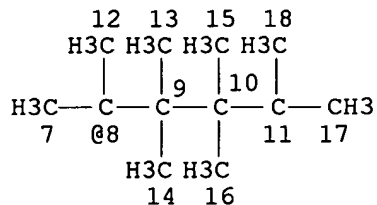WO 2004111027 23 DEC 2004

Structure search limits have been raised. See HELP SLIMIT for the new,
higher limits.

=> D QUE L6
L1   STR

no structures found

VPA 8-3/4 U
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS   18

STEREO ATTRIBUTES: NONE
L6   0 SEA FILE=MARPAT SSS FUL L1

=>